AMENDMENTS TO THE CLAIMS

Listing of Claims:

(No amendments to the claims are presented in this Office Action Response)

1. (Previously presented): A method of identifying data loss in a transmission system, comprising:

shifting one of a received waveform and a transmittal waveform, the transmitted waveform being a first signal that is transmitted from a transmitter to a receiver over a transmission medium, the received waveform being a second signal that is received by the receiver from the transmitter over the transmission medium;

determining differences between the transmitted and received waveforms at various shift points; and

identifying a smallest of the differences between the transmitted and received waveforms.

2. (Original): The method of claim 1, further comprising:

generating a plot of the differences relative to the shift points;

wherein the smallest of the differences comprises a low vertex point on the plot.

3. (Original): The method of claim 1, wherein shifting comprises:

moving the transmitted waveform relative to the received waveform in a first direction; and

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moving the transmitted waveform relative to the received waveform in a second direction.

4. (Original): The method of claim 1, wherein shifting comprises:

moving the received waveform relative to the transmitted waveform in a first direction; and

moving the received waveform relative to the transmitted waveform in a second direction.

5. (Previously presented): The method of claim 1, wherein an odd number of shift points make up a plot.

6. (Original): The method of claim 1, further comprising:

normalizing the transmitted and received waveforms so that the transmitted and received waveforms contain positive data.

7. (Original): The method of claim 1, wherein the transmitted and received waveforms comprise audio data.

8. (Original): The method of claim 1, wherein the transmission system comprises the transmitter, the transmission medium, and the receiver.

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9. (Original): The method of claim 1, wherein the shift points are defined in terms of time in the transmitted and received waveforms.

10. (Original): The method of claim 1, wherein the shift points are defined in terms of data samples in the transmitted and received waveforms.

11. (Previously presented): An article comprising a machine-readable medium that stores executable instructions for identifying data loss in a transmission system, the instructions causing a machine to:

shift one of a received waveform and a transmitted waveform, the transmitted waveform being a first signal that is transmitted from a transmitter to a receiver over a transmission medium, the received waveform being a second signal that is received by the receiver from the transmitter over the transmission medium;

determine differences between the transmitted and received waveforms at various shift points; and

identify a smallest of the differences between the transmitted and received waveforms.

12. (Original): The article of claim 11, further comprising instructions that cause the machine to:

generate a plot of the differences relative to the shift points;

wherein the smallest of the differences comprises a low vertex point on the plot.

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13. (Original): The article of claim 11, wherein shifting comprises:

moving the transmitted waveform relative to the received waveform in a first direction; and

moving the transmitted waveform relative to the received waveform in a second direction.

14. (Original): The article of claim 11, wherein shifting comprises:

moving the received waveform relative to the transmitted waveform in a first direction; and

moving the received waveform relative to the transmitted waveform in a second direction.

15. (Previously presented): The article of claim 11, wherein an odd number of shift points make up a plot.

16. (Original): The article of claim 11, further comprising instructions that cause the machine to:

normalize the transmitted and received waveforms so that the transmitted and received waveforms contain positive data.

17. (Original): The article of claim 11, wherein the transmitted and received waveforms comprise audio data.

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18. (Previously presented): The article of claim 11, wherein the transmission system comprises the transmitter, the transmission medium, and the receiver.

19. (Original): The article of claim 11, wherein the shift points are defined in terms of time in the transmitted and received waveforms.

20. (Original): The article of claim 11, wherein the shift points are defined in terms of data samples in the transmitted and received waveforms.

21. (Previously Presented): An apparatus for identifying data loss in a transmission system, comprising:

a memory that stores executable instructions; and

a processor that executes the instructions to:

shift one of a received waveform and a transmitted waveform, the transmitted waveform being a first signal that is transmitted from a transmitter to a receiver over a transmission medium, the received waveform being a second signal that is received by the receiver from the transmitter over the transmission medium;

determine differences between the transmitted and received waveforms at various shift points; and

identify a smallest of the differences between the transmitted and received waveforms.

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22. (Original): The apparatus of claim 21, wherein the processor executes instructions to:

generate a plot of the differences relative to the shift points;

wherein the smallest of the differences comprises a low vertex point on the plot.

23. (Original): The apparatus of claim 21, wherein shifting comprises:

moving the transmitted waveform relative to the received waveform in a first direction; and

moving the transmitted waveform relative to the received waveform in a second direction.

24. (Original): The apparatus of claim 21, wherein shifting comprises:

moving the received waveform relative to the transmitted waveform in a first direction; and

moving the received waveform relative to the transmitted waveform in a second direction.

25. (Previously presented): The apparatus of claim 21, wherein an odd number of shift points make up a plot.

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26. (Original): The apparatus of claim 21, wherein the processor executes instructions to:

normalize the transmitted and received waveforms so that the transmitted and received waveforms contain positive data.

27. (Original): The apparatus of claim 21, wherein the transmitted and received waveforms comprise audio data.

28. (Previously presented): The apparatus of claim 21, wherein the transmission system comprises the transmitter and the transmission medium, and the apparatus comprises the receiver that is capable of receiving the received waveform over the transmission medium.

29. (Original): The apparatus of claim 21, wherein the shift points are defined in terms of time in the transmitted and received waveforms.

30. (Original): The apparatus of claim 21, wherein the shift points are defined in terms of data samples in the transmitted and received waveforms.

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